BEFORE THE FIRST CUT

A clearer drawing.
A better manufacturing brief.

DFM checklist for robot and drone motor metal components. Use with your released model and drawing; identify open decisions before production.

- [ ] **01 / Drawing + revision**

  Matching model and dimensioned PDF, part number, revision, units, datums and critical interfaces.

- [ ] **02 / Material + condition**

  Exact grade, temper/condition, product standard and stock form. Agree material evidence and any substitution.

- [ ] **03 / Geometry + access**

  Bearing or mating seats, pockets, wall sections, inside radii, undercuts and workholding-sensitive areas.

- [ ] **04 / Holes + threads**

  Thread standard, size, class, depth, blind/through condition, counterbores/countersinks and edge requirements.

- [ ] **05 / Finish + acceptance**

  Treatment, masking, cosmetic faces and final dimensions. Agree inspection, sampling, records and any specified tests.

- [ ] **06 / Quantity + delivery**

  First quantity, repeat demand, destination, target date, packing and any first-article approval.

PROJECT NOTES / OPEN ENGINEERING DECISIONS

Confidential files? Arrange an NDA before sharing sensitive drawings.

Read the full WEKO DFM guide | Request a drawing review

Project-specific review is required. This worksheet is not a released drawing, design approval, inspection report or universal machining limit.